

# GM 45313

DIAMOND DRILL RECORD

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Énergie et Ressources  
naturelles

Québec 

432847-1

# DIAMOND DRILL RECORD

Range VI, Lot 47

PROPERTY Lockwood Petroleum Corp.  
Mozarín Twp.

HOLE NO. LM-86-1A

SHEET NUMBER 1 of 1

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 87-10-14

LATITUDE 40+00S

DATUM \_\_\_\_\_

COMPLETED 87-10-14

DEPARTURE 128+00E

BEARING South

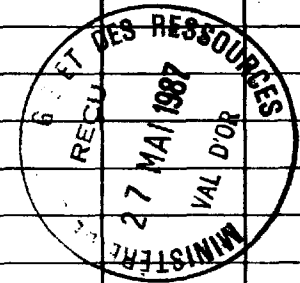
ULTIMATE DEPTH 37'

ELEVATION \_\_\_\_\_

DIP -50° at 0'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
<u>0-37</u>	<u>Bw casing.</u>				
	<u>Note: Hole lost with Bw casing broke in large boulder.</u>				



Ministère de l'Énergie et des Ressources  
Service de la Géoinformation  
Date: 23 NOV. 1987  
No G.M.: 45313

N.M.P. TORONTO

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Range VI; Lot 47

## DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Corp.  
Mezerets Twp.HOLE NO. L M-86-1SHEET NUMBER 1 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 86-10-14LATITUDE 40+00S

DATUM \_\_\_\_\_

COMPLETED 86-10-16DEPARTURE 128+00EBEARING SouthULTIMATE DEPTH 397'

ELEVATION \_\_\_\_\_

DIP -50° at collar; -49/397'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
0-62'	Bw casing						
62'-81'	Intermediate Lava; massive, dense to v. f. gr. Sparse py grains, medium-light grey-green. 67-77 includes 5' of lost core. 67'-69' massive dense flow	2686	2.0'	0.01			
	74'-77' massive py bands up to 1cm.	9369	3.0'	0.05			
	77'-79' brecciated and schistose sericite alteration.	2687	2.0'	Trace			
	79'-81 lost core.						
81'-94'	Tuff; (quartz-sericite schist) schistosity well developed. Abundant quartz grains scattered throughout, medium green-grey. Schistosity and contacts about 55° to C.A.						
94'-139.7'	Mafic lava; massive, dense, few scattered q-carb amygdaloids.						

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-1

SHEET NUMBER 2 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	94'-116' much leaching of carbonate leaving cavities.						
	95.5'-96.5' 5% pyrite as massive lenses.	9370	1.0'	Trace			
139.7'-161'	Mafic lava; sheared with some brecciation. Fragments healed with quartz and carbonate. Sericite alteration. Short schistose sections containing tiny amygdaloids.						
	139.7'-144.7 character sample. C.A. 50°/142'; 50°/148'; 50°/159'	9371	5.0'	Trace			
161'-361'	Mafic lava; massive, dense, scattered quartz grains and tiny q-carb amygdaloids. Medium-dark grey-green.						
	169.5' q-carb. vein 3cm, 30° to c.A. milky white.						
	278.4 - 279.5' sparse pyrite in a q-carb veinlet and lava.	9372	1.1'	Trace			

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-1

SHEET NUMBER 3 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	291.4' - 292.6 Schistose, 60° to c.A.				
361' - 397'	Mafic lava; schistose with short massive amygdaloidal lava sections. Sericite partings in schist.				
	395.2' - 396.2' g-carb vein, few pyrite blebs.	9373	1.0'	Trace	
	c.A. 50°/353'; 50°/376'; 50°/393'				
	397' END OF HOLE.				

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432846-2

## DIAMOND DRILL RECORD

Range VI, Lot 48

PROPERTY Lockwood Petroleum Corp.HOLE NO. LM-86-2Mazzerin Twp.SHEET NUMBER 1 of 1

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 86-10-19LATITUDE 1+50S

DATUM \_\_\_\_\_

COMPLETED 86-10-20DEPARTURE 136+00EBEARING SouthULTIMATE DEPTH 397'

ELEVATION \_\_\_\_\_

DIP -50° at 0'; -50°/397'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
0-24'	Bw casing							
24-397'	Andesite; massive, granular, f.gr. abundant white feldspars in a medium green-grey groundmass. Dioritic texture.							
152.3'-154.4'	Basic dyke, massive f.gr. to dense, Dark grey.							
	Contacts 50°/152.3'; 70°/154.4'							
185.4'-186.7'	weak shearing over 5cm, few scattered py grains	2673	1.3'	Trace				
252.1'-252.6'	Basic dyke; massive f.gr. to dense, dark grey, contacts 45° to C.A.							
397'	END OF HOLE.							



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## DIAMOND DRILL RECORD

Range VI; Lot 41

PROPERTY Lockwood Petroleum Corporation HOLE NO. LM-86-3

SHEET NUMBER 1 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 86-10-23  
 LATITUDE 2+50S DATUM \_\_\_\_\_ COMPLETED 86-10-27  
 DEPARTURE 72+00E BEARING \_\_\_\_\_ ULTIMATE DEPTH 400'  
 ELEVATION \_\_\_\_\_ DIP -50° at collar; -43° at 400' PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-24	Bw casing				
24-237.3'	Andesite breccia; massive and dense, abundant q-carb veinlets and quartz-carb healed fractures. Two set of fractures 30° and 70° to c.A. Few widely scattered amygdaloids. Grey-green.				
24'-46.5'	Minor sericite alteration				
31.5'-36.5'	Several irregular q-carb healed fractures.	2663	5.0'	Trace	
36.5'-42.5'	Good foliation 50° to c.A.				
80.6'-82.8'	60% q-carb.	2664	2.2'	Trace	
82.8'-85.8'	Minor q-carb.	2665	3.0'	Trace	
126.3'-127.2'	q-carb veining with strong siliceous and epidote alteration. Very dense andesite.	2666	0.9'	Trace	
134.0'-136.3'	Few grains of py in q-carbonated shear. Barren andesite between 134.9'-136.3'	2667	2.3'	Trace	
136.3'-137	py grains and streaks in q-carb	2668	0.7'	Trace	

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-3

SHEET NUMBER 2 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
146.2'-147.2'	g-carb-epidote vein				
148.5'-149.5'	Few py grains in g-carb healed fracture closely parallel to C.A.				
175.4'-176'	hamprophyre dyke 35°/109'				
181.3'-181.9'	g vein with massive ep. between 181.5'-181.9'				
	Foliation 40°/213' 25°/218'				
237.3'-270'	Andesite; massive, f to m. gr. The above fractures are absent. Few widely scattered feldspar phenocrysts up to 5mm. Scattered pyrite grains and blebs. Grey-green.				
260.7'-265.7'	1% py grains and blebs.	2669	5.0'	Trace	
270'-288.3'	Andesite breccia; similar to 24-237.3'				
284.3'-288.3'	pyrite in g-carb veinlet closely parallel to C.A.	2670	4.0'	Trace	
288.3'-400'	Andesite; massive, f to m. gr. few				

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-3

SHEET NUMBER 3 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	milky white q-carb veins and vein lets up to 15cm. Veins most commonly about 80° to e.A.				
	327.8'-328.6' epidotized dykelet.				
	329.0 - 330 Brecciated, pinkish quartz cementing epidote fragments.				
	338 - 341.5' Brecciated, q-carbonate and massive chlorite. Sparse py.	2671	3.5'	Trace	
	350.1' - 350.6' quartz vein, white, tr in cpy grains.	2672	0.5'	Trace	
	365.0' - 400.0' Feldspar clusters very prominent.				
	400' END OF HOLE				

432851-2

## DIAMOND DRILL RECORD

Range VI; Lot 38

PROPERTY Lockwood Petroleum Corp.  
Mazarrin Twp.HOLE NO. LM-86-4SHEET NUMBER 1 of 2

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 86-10-28LATITUDE S 75° 05'

DATUM \_\_\_\_\_

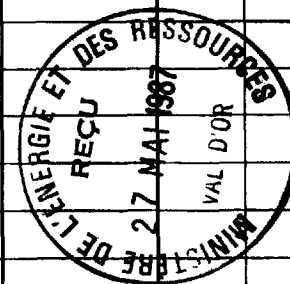
COMPLETED 86-10-31DEPARTURE 48° 00' EBEARING SouthULTIMATE DEPTH 400'

ELEVATION \_\_\_\_\_

DIP -50° to 0°; -51°/400'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-12	Bw casing.				
12-346'	Andesite; massive, dense to v.f.gr. Dark grey-green, few carbonate grains. Monotonous consistency.				
19.8'-20.5'	Brecciated; fragments healed by g-carb and green-black chlorite 3% pyrite	2679	0.7'	Trace	
38.8'-39.2'	Weak shear with g-ep vein 30° to c.A.				
152.7'-155.4'	g-carb vein in weak shear 10° to c.A. Tr. in pg.	2680	2.7'	Trace	
212'-213'	g-ep vein.				
282.8'-283.6'	breccia and weak shearing 25° to c.A. Few grains of po.	2681	0.8'	Trace	
306'	Micro streaks of v.f.gr. py over 6mm, also 333.5'				
338.4'-343.4'	Up to 1% pyrite in fractures	2682	5.0'	Trace	



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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-4

SHEET NUMBER 2 of 2

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

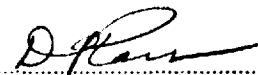
ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
343.4'-346.0'	Tr in pyrite in quartz healed fractures, cpy grains in quartz cemented breccia.	2683	2.6'	Trace	
346'-350.2'	"Cherty" Siltstone; bedded dense medium grained.				
346.0'-347.2'	Massive brown-yellow pyrite band in a tight fold.	2684	1.2'	Trace	
348.9'-350.2'	Light grey contorted chert band.				
	C.A. 55°/346'; 50°/347'; 30°/352.2'				
350.2'-400'	Andesite; (same as 12'-346')				
	400' END OF HOLE.				



432849-1

## DIAMOND DRILL RECORD

Range VI; Lot 41

PROPERTY Lockwood Petroleum Inc.HOLE NO. LM-86-5SHEET NUMBER 1 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE 39+50S

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE 88+00 EBEARING NorthULTIMATE DEPTH 400'

ELEVATION \_\_\_\_\_

DIP -50° to 0'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-12'	Bw casing				
12'-114'	Andesite; massive, f. gr. medium grey green.				
	12'-26 Micro feldspar phenocrysts				
	Somewhat of a spinifex texture,				
	46.8' pyrite bleb in weak narrow shear, 45° to C.A.				
	111.8'-112.2' Barren quartz vein				
	55°/111.8'; 30°/112.2'				
	112.7'-114 barren q vein on contact.				
114'-128	Agglomerate; foliated, mostly dark grey elongated fragments up to 3cm in length and cream coloured subrounded to elongated fragments in a f. gr. grey groundmass. Foliation and orientation of fragments about 30° to C.A.				

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-5

SHEET NUMBER 2 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
128'-196.3'	Tuff; rhyolitic, faint foliation dense, medium grey.						
140'-141'	Trace in py pods.						
155.8'-157.6'	bedded rhyolite, pyrite grains < 1%.	2609	1.8'	Trace			
157.6'-161.0'	Contorted bedding and breccia with py grains.	2610	3.4'	Trace			
161.0'-163.5'	Barren massive chert with q veining in tight shear 30° to c.A.	2611	2.5'	Trace			
163.5'-167.5'	Minor py in q-carb healed fractures.	2612	4.0'	0.07			
167.5'-171.3'	py lenses in dense massive tuff and grains in contorted bedded tuff (170.6-171.3)	2613	3.8'	Trace			
179'-180.8'	1% py in bands parallel to bedding and schistosity	2614	1.8'	0.03			
180.8'-183	shearing and brecciation with 10% py in massive bands	2615	2.2'	Trace			
183.0'-184.5'	massive pyrite bands in bedded tuff.	2616	1.5'	Trace			

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-5

SHEET NUMBER 3 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
184.5'-187.2'	Minor pyrite in sheared tuff.	2617	2.7'	Trace				
187.2'-196.3'	Few short bedded and sheared sections mostly 30° to c.A.							
196.3'	sharp contact 30° to c.A.							
	c.A. 30°/141'; 30°/156'; 30°/163'; 35°/176'							
196.3'-292'	Andesite; massive f.gr. to m.gr. medium light green-grey.							
247'-258.3'	Dense tuff similar to above. Good bedding 30° to c.A.							
	contacts 10°/247'; 25°/259'							
257'-258.3'	minor py blebs parallel to bedding.	2618	1.3'	0.01				
292'-400'	Greywacke and Argillite; Bedded with alternating laminae of medium light green grey to dark grey argillite with interbeds of greywacke up to four feet. Mild sericite alteration. Core is blocky due to drilling down dip.							

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-5

SHEET NUMBER 4 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
297'-302'	Minor pyrite in brecciated argillite.	2619	5.0'	Trace			
302.5'	Minor fault (6mm) 30° to C.A.						
316-317	Mildly graphitic						
321'-325'	Weak Iron Formation, well bedded chert and jasper with light and dark grey argillite partings. Minor py grains. Weakly to non-magnetic	2620	4.0'	Trace			
327.2'-328.5'	Same as 321-325 non-magnetic.	2621	1.3'	Trace			
332'-333.6'	1% disseminated pyrite in beds and breccia sections	2622	1.6'	Trace			
	C.A. 30°/298'; 30°/316'; 30°/324' 20°/338'; 35°/342'						
	400' END OF HOLE						
	Additional sampling						
171.3-175.3	light grey-green chert	2624	4.0'	Trace			
175.3-176.7	Iron Fm banding 25°	2625	1.4'	Trace			
176.7-179	chert	2626	2.3'	Trace			

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432847-1

## DIAMOND DRILL RECORD

Range VI, Lot 47

PROPERTY Lockwood Petroleum Corp. HOLE NO. LM-86-6  
Mazarin TownshipSHEET NUMBER 1 of 4 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED November 5, 1986  
LATITUDE 40+00S DATUM \_\_\_\_\_ COMPLETED November 7, 1986  
DEPARTURE 128+00E BEARING South ULTIMATE DEPTH 397'  
ELEVATION \_\_\_\_\_ DIP -50° to 0'; -53°/397' PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-24'	Bw casing				
24'-41.8'	Andesite; massive, f.gr., grey-green				
	41.3-42.6' Few py grains in contact area.	2688	1.3'	Trace	
41.8'-252.5'	Rhyolitic andesite; massive, dense, medium grey.				
	52.7'-55.7' massive streaks of f.gr. pyrite.	2689	3.0'	Trace	
	55.7'-57.7' As above	2690	2.0'	Trace	
	57.7'-62.7' Trace in pyrite	2691	5.0'	Trace	
	62.7'-68.1 Faint tr. in py	2692	5.4'	Trace	
	68.1'-70.1 high in sericite, no py	2693	2.0'	Trace	
	70.1'-75' Dark grey, dense, high carbonate, shearing 50° weak bending 55° could be a lamprophyre. Tr. in py.				
	70.1-72.0'	2694	1.9'	Trace	
	72.0'-75.0'	2695	3.0'	Trace	
	110.5'-111.3' quartz vein fringe of green 40°	2623	0.8'	Trace	

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# DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Corp  
Mazarin Twp.

HOLE NO. LM-86-6

SHEET NUMBER 2 of 4 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH 397'

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	220.2'-245' cavities due to leaching of carbonate in several sections.				
	249'-251' core is very blocky with evidence of faulting between 250.5'-251.0'				
252.5'-258'	Basic dyke; f. gr. dark grey. 60°/252.5'; 35°/258'				
258'-293'	Andesite to rhyolite; massive with evidence of flow banding. High sericite alteration, scattered amygdaloids, py most commonly occurring as pods, lenses and streaks. Some breccia with blue-grey q-carb healed fractures and veinlets.				
	258'-259' 5-10% py in q-carb.	2696	1.0'	Trace	
	259'-263' Minor py streaks.	2697	4.0'	Trace	
	263'-265.6' 5-10% py in breccia	2698	2.6'	Trace	
	265.6'-267.8 Barren	2699	2.2'	Trace	

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-6

SHEET NUMBER 3 of 4 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	267.8'-269.3' Heavy sericite alteration minor pyrite.	2700	1.5'	Trace			
	269.3'-270.8' 10-15% py patches.	2601	1.5'	Trace			
	270.8'-275.0' Virtually barren	2602	4.2'	Trace			
	275.0'-277.8' 5% pyrite	2603	2.8'	Trace			
	277.8'-280.8' 5% pyrite	2604	3.0'	Trace			
	280.8'-283.8' trace in pyrite	2605	3.0'	Trace			
	283.8'-287.9' Faint tr. in py.	2606	4.1'	Trace			
	288' Narrow weak shear 35° to c.A. c.A. 50°/262'; 55°/270'; 40°/280'; 45°/283						
293'-397	Andesite; similar to 41.8'-252.5' Fractures prominent at 45°, 60° and 80° to c.A. Scattered dull grey quartz eyes, faint schistosity Dark green.						
	309.8'-310.6' Sheared 40° to c.A. q-carb and andesite.						
	327-335.0' schistosity 50° to c.A. with sericite alteration.						
	342.8'-344.3' single band of massive py 3mm, breccia 343.5'-344.3'	2607	1.5'	Trace			

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-86-6

SHEET NUMBER 4 of 4

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	<u>362'-363' pods and blebs of pg &lt; 1%</u>	<u>2608</u>	<u>1.0'</u>	<u>Trace</u>			
	<u>C.A. 50°/316'; 55°/343'; 50°/365'</u>						
	<u>397 END OF HOLE</u>						

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SIGNED D. Ross

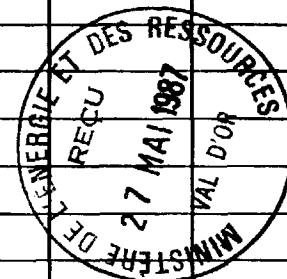
432849-1

## DIAMOND DRILL RECORD

Range VI; Lot 41

PROPERTY Lockwood Petroleum Corporation HOLE NO. LM-87-1  
Mazarin Twp.SHEET NUMBER 1 of 6 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 87-01-20  
LATITUDE 34+00S DATUM \_\_\_\_\_ COMPLETED 87-01-24  
DEPARTURE 90+00E BEARING South ULTIMATE DEPTH 606'  
ELEVATION \_\_\_\_\_ DIP -50° at collar PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-17'	Bw casing.				
17'-25'	Andesite; massive, f. gr. to dense, ting phenocrysts of dark glassy quartz and feldspars with slight green tinge. Fractures are oxidized. Grey-green.				
25'-67'	Rhyolite; generally massive with some widely scattered bands. Dense with conchoidal fracturing. Medium dark grey-green.				
66'-67'	Breccia "cherty" rhyolite cemented by white quartz C.A. 42°/32'; 30°/45'; 22°/57' 67.0' contact 50° to C.A.	2627	1.0'	Trace	
67-166.5'	Dioritic andesite; massive granular, m-c. gr. ting feldspar laths. grey-green dioritic texture.				



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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-1

SHEET NUMBER 2 of 6

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	165'-167' Core is very blocky possible fault.						
166.5'-265'	Diorite; massive, v.f gr., quartz grains with dark mafics, feldspars appear to be absent. Grey black core is blocky throughout. 166.5'-193 faint to non-magnetic. 193'-196.5' andesite inclusion 196.5'-265 faint to moderate magnetism.						
265'-324.2'	Andesite; same as 67'-166.5' but f. gr. and medium dark grey, becomes finer grained to dense between 311-324.2'						
324.2'-326.6	Andesite; massive, dense, dark grey-black, graphitic background.						
326.6'-362.5'	Rhyolite; same as 26'-67' 334.7'-335.7 bedded rhyolite with						

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-1

SHEET NUMBER 3 of 6

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	chert and black jasper bands. 5% disseminated and massive patches of pyrite.						
342'-343.5'	Iron formation bands of rhyolite, chert and pink jasper. <1% py	2628	1.5'	Trace			
343.5'-347'	Massive rhyolite with short (5cm) chert and black jasper bands.	2629	3.5'	Trace			
347.0'-348.5'	bedded black jasper and chert, some micro brecciated quartz bands, Tr in py.	2630	1.5'	Trace			
	c. 30°/243'						
362.5'-392.6'	Andesite; same as 67'-166.5' 390'-392.6' streached glass quartz						
392.6'-405'	Rhyolite; same as 326.6'-362.5' 399.3-401' Iron formation, well bedded pink and black jasper, chert and greenish rhyolite, bedding 38°/400'	2631	1.7'	Trace			

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-1

SHEET NUMBER 4 of 6

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
405'-466.8	Andesite; same as 362.5'-392.6' 405'-408' streaked glassy quartz.							
466.8'-471	Rhyolite; massive to porphyritic medium light grey-green to medium grey porphyry.							
471'-498'	Graphitic siltstone; weakly bedded with contorted sections. dark grey to grey black.							
	471-472 Iron formation 12 cm of pink and black jasper, chert and banded magnetite.	2632	1.0'	Trace				
	472-473.8 well bedded jasper, chert quartz and graphitic siltstone. tr in py.	2633	1.8'	Trace				
	492.7-494.7' f. gr. andesite.							
	494.7'-496.1' Iron formation, bedded chert and brick-red jasper with minor graphite partings, trace in pyrite.	2634	1.4'	Trace				

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-1

SHEET NUMBER 5 of 6 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	497-498 Iron formation; light pinkish jasper, chert, quartz and graphitic siltstone partings, faintly magnetic. Trace in pyrite. C.A. 40°/471.5'; 45°/473'; 45°/487 43°/497'	2635	1.0'	Trace			
498'-518.5'	Rhyolite; generally massive with few short bedded sections, dense, medium grey green.						
	502.8'-503.8 Few py cubes and streaks in short brecciated section.	2636	1.0'	Trace			
	518.3'-518.5' brecciated contact fragments healed with chert. C.A. 45°/510'						
518.5'-531.7'	Tuff; massive beds with widely spaced chert bands up to 4cm at 40° to C.A. e.g. grey-green.						
	528.5'-533.5' faint tr in disseminated pyrite grains	2637	5.0'	Trace			

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ HOLE NO. LM-87-1

SHEET NUMBER 6 of 6 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
531.7'-576'	Andesite; massive, f.gr. medium light grey-green. Faint trace in po.						
533.5-535.3'	weakly fractured up to 1% sulphides mainly po minor py	2638	1.8'	Trace			
576'-606	Crystal tuff; massive, m.gr. medium light grey green, few grains of po, py and cpy.						
586-591'	tiny blebs and grains of po, trace in py and cpy grains.	2639	5.0'	Trace			
606 END OF HOLE							

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432849-1

Range VI; Lot 41

## DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Corp.  
Mazarin Twp.HOLE NO. LM-87-2SHEET NUMBER 1 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 87-01-21LATITUDE 41+00S

DATUM \_\_\_\_\_

COMPLETED 87-01-22DEPARTURE 88+00EBEARING NorthULTIMATE DEPTH 402'

ELEVATION \_\_\_\_\_

DIP -50° at 0'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-6'	Bw casing.				
6'-290.5'	Andesite; massive, granular f. to m. gr. Occasional widely spaced feldspar phenocryst. Medium grey-green.				
41'-46'	Few grains of py < 1%	2640	5.0'	Trace	
116.4'-120.9'	Brecciated; chert, epidote minor quartz, trace in py.	2641	4.5'	Trace	
290.5'	contact 70° to c A.				
290.5'-293'	Rhyolite; massive, dense, medium grey-green.				
293'-314.5'	Rhyolite tuff; massive, f. gr. Few tiny and scattered rounded fragments, grey-green.				
314.5'-379.7'	Rhyolite; massive to bedded, dense medium grey green.				
314.5'-314.7'	white chert and g on contact.				

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-2

SHEET NUMBER 2 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
326.8 - 328.4	1% f.gr. pyrite in bedded rhyolite	2642	1.6'	Trace	
328.4' - 332.6'	massive to bedded rhyolite	2643	4.2'	Trace	
332.6' - 334.5'	quartz with tr in graphite minor pyrite.	2644	1.9'	Trace	
334.5' - 337.0'	Barren bedded rhyolite.	2645	2.5'	Trace	
337.0' - 338.7'	Massive pyrite band(2) 7cm in width and 12cm g vein with graphite partings.	2646	1.7'	Trace	
346 - 347.4'	minor py in banded rhyolite	2647	1.4'	Trace	
352' - 354'	weak breccia 352-353.5 Iron formation 353.5'-354 consist of black jasper and g.	2648	2.0'	Trace	
354' - 356'	massive rhyolite some g parallel to banding.	2649	2.0'	Trace	
356' - 357.2'	contorted iron formation with chert bands.	2650	1.2'	Trace	
357.2' - 362.2'	Massive rhyolite with start bands of iron formation and quartz	5501	5.0'	Trace	
362.2' - 363.8'	dull grey quartz bands in rhyolite	5502	1.6'	Trace	

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LM-87-2

SHEET NUMBER 3 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
363.8' - 366.2'	quartz, chert, rhyolite, iron formation bands, minor graphite	5503	2.4'	Trace				
366.2' - 368.0'	irregular veining in massive rhyolite	5504	1.8'	Trace				
368 - 379.8	Banded iron formation							
368 - 373'	red-brown jasper with minor chert.	5505	5.0'	Trace				
373' - 376'	as above	5506	3.0'	Trace				
376' - 379.7'	quartz bands, some graphite	5507	3.7'	Trace				
	C. A. 30°/328'; 35°/337'; 35°/347'; 40°/363'							
379.7' - 402'	Andesite (same as 12' - 290.5')							
	v. f. gr. dark grey green							
	402' END OF HOLE.							

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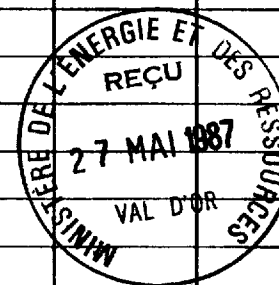
*D. Law*

# DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Corp. HOLE NO. LC-86-1  
Chaste Twp.

SHEET NUMBER 1 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 86-10-23  
 LATITUDE 57+00S DATUM \_\_\_\_\_ COMPLETED 86-10-25  
 DEPARTURE L64W BEARING South ULTIMATE DEPTH 407'  
 ELEVATION \_\_\_\_\_ DIP -50° at collar. PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0'-9'	Bw casing.				
9'-121.3'	Argillite; bedded with biotite and chlorite partings. Several siltstone section with scattered corderite knots. Medium dark green-grey argillite with brown siltstone.				
17.5'-19.3'	Porphyry intrusive, feldspars in a dense siliceous brownish-grey groundmass.				
22.0'-23.0'	q-corb vein, tr in py	2660	1.0'	Trace	
27.4'-29.6'	Minor py bands in a dense siliceous tuff bed.	2661	2.2'	Trace	
33.0'-34.5'	contorted biotite with quartz fragments.				
34.5'-35.0'	Few red-brown garnets.				
74.2'-75.8'	Porphyry sill.				
97.6'-102.3'	Grains of magnetite in scattered 2cm bands. Few red-brown garnets.	2662	4.7'	Trace	



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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LC-86-1

SHEET NUMBER 2 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	C.A. 70°/14'; 70°/47'; 65°/55'; 85°/71' 65°/83'; 70°/103'; 70°/110'; 75°/121'				
121.3'-140.5'	Andesite lava (?); massive, dense to v. f. gr. dark grey-green.				
140.5'-242.5'	Argillite; same as 9'-121.3' with biotite bands much more prominent. Ting red-brown garnets scattered throughout.				
197.7'-200.8'	Feldspar porphyry sill; contacts 70° to C.A.				
235'-240.3'	Feldspar porphyry sill foliation 75° to C.A.				
	C.A. 65°/143'; 70°/174'; 70°/197' 70°/215'; 70°/232'				
242.5'-272'	Feldspar Porphyry, massive, m. gr. grey in colour.				
245.4'-246.6'	Granite intrusion				
	massive, m. gr. also 250.4'-251.4'				

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LC-86-1

SHEET NUMBER 3 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

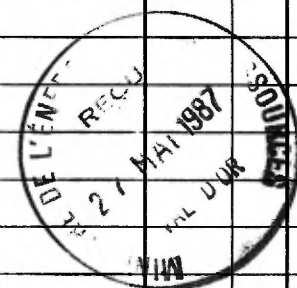
DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	259'-267' spotted schist; faint schistosity, m.gr. dark green						
272-285.7'	Granite; massive, m.gr. light grey.						
	280.7'-283.1 Argillite.						
285.7'-362.8'	Andesite tuff; weak foliation several short granitic sills throughout. Dark green. C.A. 90°/295'; 80°/301'; 80°/330' 80°/355'.						
362.8'-407'	Granite; massive, m.gr. spotted with feldspar phenocrysts. Light grey.						
	407 END OF HOLE.						

# DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Inc HOLE NO. LC-86-2  
Chaste Twp.

SHEET NUMBER 1 of 2 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 86-10-26  
 LATITUDE 49+50S DATUM \_\_\_\_\_ COMPLETED 86-10-28  
 DEPARTURE L 56 W BEARING South ULTIMATE DEPTH 393'  
 ELEVATION \_\_\_\_\_ DIP -50° at collar; PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-42	Bw casing				
42-333	Andesite tuff; bedded, dense to v. f. gr. dark grey green. Scattered c. gr. schistose sections with mafic knots.				
172.6'-174.7'	Banded iron formation with chlorite partings	2651	2.1'	Trace	
197.5'-198.8'	Banded iron formation with chert interbeds.	2652	1.3'	Trace	
211.5'-212.6'	As above with minor pyrrhotite.	2653	1.1'	Trace	
226.6'-227.8'	quartz healed fractures and veinlets tr in py.	2654	1.2'	Trace	
252.8'-253.8'	Banded iron formation with "cherty" quartz beds.	2655	1.0'	Trace	
262.1'-263.1'	As above	2656	1.0'	Trace	
	C.A. 85°/51'; 90°/75'; 75°/94'; 70°/105' 65°/126'; 70°/135'; 85°/154'; 75°/174' 75°/198'; 70°/217'; 60°/231'; 65°/252' 75°/272'; 65°/302'; 75°/326'				



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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LC-86-2

SHEET NUMBER 2 of 2 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
333-393	Tuff; bedded, much more siliceous than above.				
	370.7'-371.7' Massive po streaks in a rhyolite tuff.	2657	1.0'	Trace	
	379'-380 As above	2658	1.0'	Trace	
	386.9-387.9 q-carb vein, dull gray with chlorite patches.	2659	1.0'	Trace	
	C.A. 80°/340'; 75°/357'; 70°/370' 75°/380'.				
	393 END OF HOLE				

# DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Inc. HOLE NO. LC-26-3

SHEET NUMBER 1 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 86-10-29  
 LATITUDE 32+00S DATUM \_\_\_\_\_ COMPLETED 86-10-30  
 DEPARTURE L80W BEARING South ULTIMATE DEPTH 327  
 ELEVATION \_\_\_\_\_ DIP -50° at 0' PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-52.	Bw casing				
52'-209.3'	Interbedded Argillite and siltstone; laminated, medium to dark grey beds. Argillite is dark grey. 73-74 Barren, white q-carb vein with argillite fragments. 129'-130.3' Quartzite bed with 5% pyrite. 130.3 Disconformity between beds. C.A. 70°/54'; 70°/67'; 60°/77' 40°/90'; 65°/108'; 70°/125'; 65°/145' 60°/160'; 75°/184'; 65°/203'; 65°/109'				
209.3-211.2'	Massive sulphides; pyrrhotite with minor pyrite. C.A. 70°/211'	2674	1.9'	Trace	
211.2'-275'	Graphitic siltstone with minor argillite; light grey mass quartzite beds are disconformable at lower contacts. Qtz beds up to 1.5'				



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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. LC-86-3

SHEET NUMBER 2 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON		
	Pyrrhotite as disseminated grains, streaks and massive patches.						
	Minor pyrite grains and streaks.						
	211.2' - 217.5' 15-20% sulphides in	2675	6.3'	Trace			
	graphitic argillite, some g-carbon.						
	217.5' - 223.3' minor sulphides in						
	graphitic siltstone.						
	223.3' - 227.3' Breccia, 40-50%	2676	4.0'	Trace			
	po, tr in py with graphite						
	cementing g fragments.						
	227.3' - 233.0' 20% po and py in	2677	5.7'	Trace			
	graphitic argillite, much						
	slickensiding on bedding planes.						
	233' - 241.5' graphitic argillite.						
	241.5' - 246' siltstone						
	246' - 251' 20% py, po in graphitic	2678	5.0'	Trace			
	argillite.						
	251' - 275' Graphitic argillite and						
	siltstone.						
275-327	Siltstone and greywacke with						

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SIGNED \_\_\_\_\_

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ HOLE NO. LC-86-3

SHEET NUMBER 3 of 3 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	argillite partings. Medium grey.				
	c.A. 65°/278'; 60°/292'; 60°/304'				
	60°/314'.				
	327' END OF HOLE				

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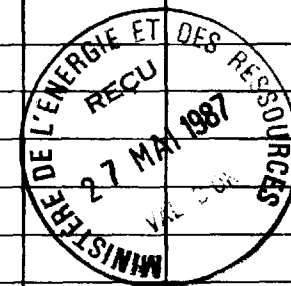
SIGNED D. Law

# DIAMOND DRILL RECORD

PROPERTY Lockwood Petroleum Ltd. HOLE NO. LC-86-4  
Chaste Twp.

SHEET NUMBER 1 of 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED 86-10-31  
 LATITUDE 38+00 S DATUM \_\_\_\_\_ COMPLETED 86-11-01  
 DEPARTURE L176 W BEARING South ULTIMATE DEPTH 188'  
 ELEVATION \_\_\_\_\_ DIP -55° at collar. PROPOSED DEPTH 350'

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-134'	Bw casing				
134'-146'	Granite; foliated about 50° to cA m gr, shades of pink and grey				
146'-150'	Basic dyke; massive, dense to f. gr., occasional widely spaced feldspar phenocrysts. Weak magnetism, grey-black. chilled contacts: 20°/146'; 20°/150'				
150'-162.8'	Granite; same as 134'-146'				
162.8'-170'	Basic dyke; same as 146'-150' 166.5' Rounded feldspar clots 1cm in diameter. 55°/162.8', 20°/170'				
170'-188'	Granite; same as 134'-146' foliation 40°/178' Note: Hole lost due to broken casing. 188 END OF HOLE				



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DRILLED BY D.W. Coates Enterprises Ltd.

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*D. Ross*

# DIAMOND DRILL RECORD

PROPERTY Eastern Mines Ltd.  
Chaste Twp.

HOLE NO. EC-86-1

SHEET NUMBER 1 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED 87-11-03

LATITUDE 51+00N

DATUM \_\_\_\_\_

COMPLETED 87-11-05

DEPARTURE L16W

BEARING South

ULTIMATE DEPTH 424'

ELEVATION \_\_\_\_\_

DIP -60° at collar

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0 - 56'	Bw casing				
56' - 95'	Grey wacke; generally massive, fine to medium grained. c.A. 70°/60'; 70°/76'				
95' - 138'	Argillite; good bedding and laminae light and dark grey. Occasional pyrite bleb or cube. c.A. 70°/95'; 75°/112; 70°/133'				
138' - 151.5'	Iron formation; good bedding and laminae, magnetite bands alternating with light grey quartzite containing disseminated pyrite and grains of magnetite. Some "cherty" quartzite beds.				
138 - 143		2551	5.0'	Trace	
143 - 147		2552	5.0'	Trace	
147 - 151.5		2553	4.5'	Trace	
	c.A. 70°/139'; 70°/148'				



# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. EC-86-1

SHEET NUMBER 2 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON			
151.5'-312.5'	Argillite; Some as 95'-138', well bedded, alternating dark grey and light grey laminae. Few greywacke and siltstone beds up to 30 cm but most common 7 to 10 cm.							
156'-157.3'	massive grey-white g-carb vein, v.f.tr. in py grains.	2554	1.3	Trace				
249.8'-250.8'	Barren g-carb vein	2555	1.0	Trace				
256.6'-259.9'	60% g-carb veining in argillite with minor pyrite.	2556	3.3	Trace				
312.5'	Disconformity 60° to c.A. C.A. 65°/164'; 65°/172'; 70°/185'; 70°/204'; 70°/226'; 80°/246'; 80°/270'; 60°/290'; 70°/310'; 75°/312.							
312.5'-345'	Greywacke; mostly massive with occasional short banded argillite sections. Spotted with rounded light grey clots.							

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. EC-86-1

SHEET NUMBER 3 of 3

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
	<i>C.A. 65°/327' ; 65°/344'</i>				
<i>345'-377'</i>	<i>Argillite and greywacke; similar to above but bedding much more prominent.</i>				
	<i>C.A. 70°/360' ; 70°/370'</i>				
<i>377'-424'</i>	<i>Argillite; bedded, light and dark grey laminae. Spotted with light grey clots.</i>				
	<i>378.3'-379.7' grey-white q-carb vein, trace in pyrite</i>	<i>2557</i>	<i>1.4'</i>	<i>Trace</i>	
	<i>C.A. 70°/382' ; 75°/395' ; 70°/415'</i>				
	<i>424 END OF HOLE.</i>				

DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*D. Paul*



# DIAMOND DRILL RECORD

PROPERTY Eastern Mines Limited  
Chaste Twp.

HOLE NO. EC-86-2

SHEET NUMBER 1 of 2

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED November 6, 1986

LATITUDE 51+50N

DATUM \_\_\_\_\_

COMPLETED November 9, 1986

DEPARTURE L4E

BEARING South

ULTIMATE DEPTH 357

ELEVATION \_\_\_\_\_

DIP -58° at collar

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
0-70	Bw casing.				
70-150.8	Interlayered argillite and "quartzose" greywacke. Argillite is dense and well bedded. Quartzose greywacke is f. gr. with more massive beds. Grey-green in colour.				
	106'-107' Massive g-carb vein, barren of sulphides.	2558	1.0'	Trace	
	110' Shearing with minor fault 25° to CA				
	CA. 80°/71'; 80°/95'; 80°/129'				
	80°/146'.				
150.8-169.2	Iron Formation; fine laminae. thin grey-black magnetite beds with dark green argillite. Minor quartz partings. Micro folds and faults.				
	157-162' Few blebs and grains of pyrite with quartz partings.	2559	5.0	Trace	
	CA. 80°/155'; 80°/168'				

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# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE NO. EC-86-2

SHEET NUMBER 2 of 2

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_

DATUM \_\_\_\_\_

COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_

BEARING \_\_\_\_\_

ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_

DIP \_\_\_\_\_

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD OZ/TON	SLUDGE GOLD OZ/TON
169.2'-231'	Argillite and Greywacke (same as 70'-150.8')				
	C.A. 80°/186'; 80°/210'; 80°/228'				
231'-357'	Argillite and Greywacke (same as 70-150.8) Few beds of light grey siltstone and dark grey argillite.				
	238'-240.7' g-carb veining (50%) with argillite (50%).	2560	2.7'	Trace	
	302.2'-303.7' Carbonate vein	2600	1.5'	Trace	
	C.A. 80°/234'; 80°/250'; 85°/262'; 85°/267'; 80°/282'; 80°/306'; 80°/314'; 80°/323'; 80°/340'; 85°/354.				
	357 END OF HOLE.				

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DRILLED BY \_\_\_\_\_

SIGNED \_\_\_\_\_

*D. Pan*